

IN THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS

1. (Original) A method of preventing biofilm formation comprising inhibiting the gacA/gacS regulatory system of an organism.
2. (Currently Amended) The method of Claim 1 wherein the organism is *Pseudomonas sp. P. aeruginosa*.
3. (Currently Amended) The method of Claim 1 wherein the inhibition is produced by ~~antibodies~~ an antibody to gacS.
4. (Withdrawn) A composition useful for preventing biofilm formation comprising a compound which inhibits the gacA/gacS regulatory system in a pharmaceutically acceptable form.
5. (Withdrawn) The composition of Claim 4 wherein the compound is an antibody to gacS.
6. (Withdrawn) The composition of Claim 4 wherein the compound is a small molecule which inhibits gacS
7. (Withdrawn) A method to treat a biofilm infection in a subject comprising inhibiting the gacA/gacS regulatory system of an organism.
8. (Currently Amended) The method of ~~Claim 7~~ Claim 2 wherein the organism is *P. aeruginosa* or *P. chlororaphis*.
9. (Withdrawn) The method of Claim 7 wherein the inhibition is produced by antibodies to gacS.

10. (Withdrawn) A method of regulating biofilm formation by an organism comprising modulating the *gacA/gacS* regulatory system of the organism.

11. (Withdrawn) The method of Claim 10 wherein the organism is a symbiotic bacterium.

12. (Withdrawn) The method of Claim 10 wherein the organism is a plant root bacterium.

13. (Withdrawn) The method of Claim 10 wherein the organism is *P. chlororaphis*.

14. (Withdrawn) The method of Claim 10 wherein modulating is produced by antibodies to *gacS*.

15. (Withdrawn) The method of Claim 10 wherein modulating is produced by a small molecule specifically binding with *gacS* of the organism.

16. (Withdrawn) A composition useful for regulating biofilm formation by an organism comprising a compound which modulates the *gacA/gacS* regulatory system of the organism.

17. (Withdrawn) The composition of Claim 15 wherein the compound is an antibody to *gacS*.

18. (Withdrawn) The composition of Claim 15 wherein the compound is a small molecule specifically binding with *gacS* of the organism.